



(19)

(11) Publication number: **2000106893 A**

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: **10283845**

(51) Intl. Cl.: **C12P 17/02 C07D305/14 C12N 1/38**

(22) Application date: **06.10.98**

(30) Priority:

(43) Date of application
publication: **18.04.00**

(84) Designated contracting
states:

(71) Applicant: **KOBE TENNENBUTSU KAGAKU
KK**

(72) Inventor: **ANDO MASAYOSHI**

(74) Representative:

(54) PRODUCTION OF TAXANE-TYPE DITERPENE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing a taxane-type diterpene such as taxol or the like, which can cope with increase in quantity demanded, can be carried out at a low cost and can preserve the environment.

SOLUTION: A taxane-type diterpene is took out by extracting, isolating and purifying callus prepared through a tissue culture method of needle leave of *Taxus cuspidata* Sieb et Zucc. or *Taxus cuspidata* Sieb et Zucc. var. *nana* Rehder which have been collected in the season when monthly mean temperature for a month before being collected is $\leq 180^{\circ}\text{C}$. The culture medium includes at least one kind selected from a group consisting of 1-naphthylacetic acid, 2,4-dichlorophenoxyacetic acid, 4-chloroindole-3-acetic acid, methyl jasmonate and an oligosaccharide more preferably.

COPYRIGHT: (C)2000,JPO

The Delphion Integrated View

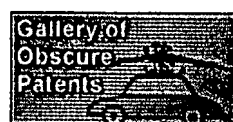
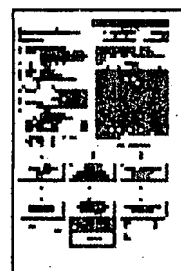
Buy Now: [More choices...](#)Tools: Add to Work File: [Create new Work File](#)View: Jump to: [Top](#)☒ [Email this to a friend](#)Title: **JP2000106893A2: PRODUCTION OF TAXANE-TYPE DITERPENE**Country: **JP Japan**Kind: **A2 Document Laid open to Public inspection**Inventor: **ANDO MASAYOSHI;**Assignee: **KOBE TENNENBUTSU KAGAKU KK**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **April 18, 2000 / Oct. 6, 1998**Application Number: **JP1998000283845**IPC Code: **C12P 17/02; C07D 305/14; C12N 1/38; C12P 17/02;**Priority Number: **Oct. 6, 1998 JP1998000283845**

Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing a taxane-type diterpene such as taxol or the like, which can cope with increase in quantity demanded, can be carried out at a low cost and can preserve the environment.

SOLUTION: A taxane-type diterpene is took out by extracting, isolating and purifying callus prepared through a tissue culture method of needle leave of *Taxus cuspidata* Sieb et Zucc. or *Taxus cuspidata* Sieb et Zucc. var. *nana* Rehder which have been collected in the season when monthly mean temperature for a month before being collected is $\leq 180^{\circ}\text{C}$. The culture medium includes at least one kind selected from a group consisting of 1-naphthylacetic acid, 2,4-dichlorophenoxyacetic acid, 4-chloroindole-3-acetic acid, methyl jasmonate and an oligosaccharide more preferably.

COPYRIGHT: (C)2000,JPO

Family: **None**Other Abstract Info: **None**[Nominate](#)[this for the Gallery...](#)[View Image](#)

1 page